



and white within like Milk, and in the end of Summer becometh hard and woody. Whether this be the very same kind, I cannot affirm, but both the Picture and Description come very neer to that I have, but that he seems not to take notice of the hollownes or Worm, for which 'tis most observable. And therefore 'tis very likely, if men did but take notice, they might find very many differing Species of these Nuts, Ovaries, or Matrixes, and all of them to have much the same designation and office. And I have very lately found several kinds of Excrecencies on Trees and Shrubs, which having endured the Winter, upon opening them, I found most of them to contain little Worms, but dead, those things that contain'd them being wither'd and dry.

Observ. XLIV. Of the tufted or Brush-born'd Gnat.

His little creature was one of those multitudes that fill our English Air all the time that warm weather lasts, and is exactly of the shape of that I observ'd to be generated and hatch'd out of those little Insects that wriggle up and down in Rain-water. But, though many were of this form, yet I observ'd others to be of quite other kinds; nor were all of this or the other kind generated out of Water Insects; for whereas I observ'd that those that proceeded from those Insects were at their full growth, I have also found multitudes of the same shape, but much smaller and tenderer seeming to be very young ones, creep up and down upon the leaves of Trees, and flying up and down in small clusters, in places very remote from water; and this Spring, I observ'd one day, when the Wind was very calm, and the afternoon very fair, and pretty warm, though it had for a long time been very cold weather, and the wind continued still in the East, several small swarms of them playing to and fro in little clouds in the Sun, each of which were not a tenth part of the bigness of one of these I here have delineated, though very much of the same shape, which makes me ghes, that each of these swarms might be the off-spring of one onely Gnat, which had been hoorded up in some safe repository all this Winter by some provident Parent, and were now, by the warmth of the Spring-air, hatch'd into little Flies.

And indeed, so various, and seemingly irregular are the generations or productions of Insects, that he that shall carefully and diligently observe the several methods of Nature therein, will have infinitely cause further to admire the wisdom and providence of the Creator; for not onely the same kind of creature may be produc'd from several kinds of ways, but the very same creature may produce several kinds: For, as divers Watches may be made out of several materials, which may yet have all the same appearance, and move after the same manner, that is, shew the hour equally true, the one as the other, and out of the same kind of matter, like Watches, may be wrought differing ways; and, as one and the same Watch may,

D d

may,